

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RADIATION DETECTOR CRYSTAL AND METHOD OF FORMATION THEREOF

(Invention Title)

the specification of which:

☐ is filed concurrently herewith.

OR

☒ was received as U.S. Application No. 10/594,934 on 09/28/2006 (mm/dd/yyyy) and was amended on _____ (mm/dd/yyyy).
(if applicable)

AND

☒ was filed as PCT International Application No. PCT/US2006/003152 on 01/27/2006 (mm/dd/yyyy) and was amended under PCT Article 19 on _____ (mm/dd/yyyy) and/or PCT Article 34 on _____ (mm/dd/yyyy).
(if applicable) (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

That, as to the invention of the present application which is common to the earlier application(s) as hereinafter defined, I do not know and do not believe that the invention was ever known or used in the United States before my invention thereof; or patented or described in any printed publication in any country any time by others before my invention or by anyone more than one year prior to the earlier application(s); or in public use or on sale in the United States by anyone more than one year prior to the earlier application(s) in the United States.

That, as to the invention of the present application which is not common to the earlier application(s), I do not know and do not believe that the invention was ever known or used in the United States before my invention thereof; or patented or described in any printed publication in any country anytime by others before my invention or by anyone more than one year prior to the present application; or in public use or on sale in the United States by anyone more than one year prior to the present application in the United States.

That, as to the invention of the present application which is common to the earlier application(s), I do not know and do not believe that the invention has been patented or caused to be patented, or was the subject of an inventor's certificate, by me or my legal representatives or assigns in any country foreign to the United States on a patent application or inventor's certificate filed more than twelve months, or six months for a design application, prior to the filing date in the United States of the earlier application(s).

That, as to the invention of the present application which is not common to the earlier application(s), I do not know and do not believe that the invention has been patented or caused to be patented, or was the subject of an inventor's certificate, by me or my legal representatives or assigns in any country foreign to the United States on a

Utility (Claiming Benefit to Provisional Application)
or C-I-P

Application No. 10/594,934

Attorney Docket No. 4375-062621

patent application or inventor's certificate filed more than twelve months, or six months for a design application, prior to the filing date in the United States of this present application.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below, also referred to as "earlier application(s)":

PROVISIONAL APPLICATION NO.	FILING DATE
60/647,589	01/27/2005

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or (f), or §365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, also referred to as "earlier application(s)", by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION NO.	COUNTRY	FOREIGN FILING DATE (mm/dd/yyyy)	PRIORITY NOT CLAIMED	CERTIFIED COPY ATTACHED?	
			<input type="checkbox"/>	YES <input type="checkbox"/>	NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below, also referred to as "earlier application(s)", and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NO.	FILING DATE

I hereby appoint the practitioners associated with

Customer Number 28289

to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

Please send all correspondence to Customer Number 28289.

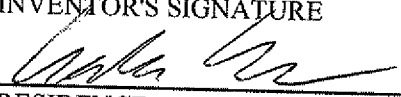
Please direct all telephone calls to Richard L. Byrne, at telephone number (412) 471-8815.

The law firm of **THE WEBB LAW FIRM** whose address is 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219, Telephone No. (412) 471-8815 has been assigned Customer Number 28289 by the United States Patent and Trademark Office.

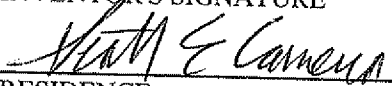
Application No. 10/594,934
Attorney Docket No. 4375-062621

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1.

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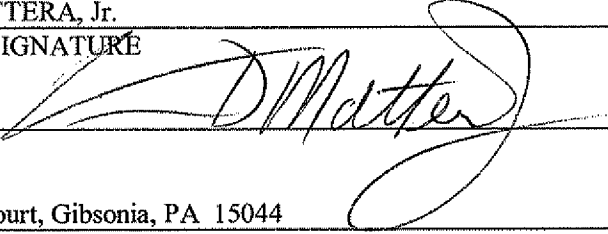
* Before signing this declaration each person signing must:

1. Review the declaration and verify the correctness of all information therein; and
2. Review the specification and the claims, including any amendments made to the claims.


☒ Checked Box indicates 1 additional page(s) for inventor signatures.

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FULL NAME OF INVENTOR	
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MAILING ADDRESS	

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2. Review the specification and the claims, including any amendments made to the claims.